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**(54) THERMOPLASTIC RESIN COMPOSITION**

**(57) Abstract**

**PURPOSE:** To provide a thermoplastic resin composition, capable of imparting vibration damping properties without impairing essential characteristics and improved in impact resistance at low temperatures.

**CONSTITUTION:** A thermoplastic resin composition is obtained by blending (a) 97-50 pts.wt. thermoplastic resin (e.g. polyethylene or polypropylene) with (b) 3-50

pts.wt. block copolymer (or its hydrogenated substance), composed of (A) blocks, composed of a vinyl aromatic monomer and having 2500-40000 number-average molecular weight and (B) blocks, composed of isoprene or an isoprene-butadiene mixture and having 10000-200000 number-average molecular weight and -40 to 0°C Tg and having 30000-300000, preferably 80000-250000 number-average molecular weight. The blocks in the component (B) are bound in the form of A(BA)<sub>n</sub> or (AB)<sub>n</sub> (n is  $\geq 1$ ).

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